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Infrared properties of tellurite glasses co-doped with Er^{3+} and Yb^{3+} (Conference Paper)

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Abstract

$\text{Er}^{3+}/\text{Yb}^{3+}$ co-doped tellurite glasses were fabricated. The thermal and optical properties of the tellurite glasses were studied. The presented glasses are potential candidates for the development of lasers and optical amplifiers. © OSA 2014.

Indexed keywords

Engineering controlled terms: Erbium; Light amplifiers; Optical properties; Photonics; Tellurium compounds

Co-doped; Infrared properties; Tellurite glass

Engineering main heading: Glass